

Autumn Break Holiday Homework

2022-23

Class – VII

SCIENCE

***Attempt any four of the following questions: ***

1. Visit the greenhouse if there is one near your place. observe how they grow plants .find out how they regulate the amount of light, water and carbon dioxide to grow the plants. Make a project file on above data
2. Find out what vitamins are and get the following information: Why are vitamins necessary in the diet? Which fruits or vegetables should be eaten regularly to get vitamins? Write brief note on the information collected by you on a project file. you may take help of a doctor, a dietitian, your teacher or any other person or from any other source.
3. Look for eggs of any moth or butterfly in a garden or park or any other place full of plants. they look like tiny dots lead in a cluster on The leaves. pull out a leaf containing eggs and place them in a cardboard box. Take some leaves of the same plant or another plant of the same variety of them and put them in the box . eggs will hatch into caterpillars which are busy eating day and night. Observe everyday and note the following:-
 - (i)number of days taken for eggs to hatch
 - (ii)number of days taken to reach the cocoon stage and
 - (iii)number of days to complete life cycle. record your observation and make a project file.
4. Go to a doctor or your nearest health centre. Observe the doctor taking temperature of patients. enquire: (a)Why she dips the thermometer in a liquid before use. (b) why the thermometer is kept under the tongue. (c) whether the body temperature can be measured by keeping the thermometer at some place other than mouth. (d) whether the temperature of different parts of the body is the same or different. You can add more questions which come to your mind and make a project file.
5. Collect information about the types of fuels used for cooking in your area . which fuels are less polluting and why and make a project file
6. Collect information about the Indian meteorological department. If possible visit its website: <http://www.imd.gov.in> Write a brief report about the things that department does on a project file.
7. You can make your own anemometer. Collect the following items: 4 small paper cups (used icecream cups), two strips of cardboard (20 cm long and 2 cm wide), gum ,stapler a sketch pen and a sharpened pencil with eraser at one end. Take a scale; draw process on the cardboard strips as shown in the figure 8.18 in NCERT book science of class 7 this will give you the centres of the strip. Make this model and write brief about it on project file.
8. Make a working model of human respiratory system and write brief about it on project file.

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शरदकालीन अवकाश कार्य

कक्षा 7

हिंदी

1. अर्धवार्षिक परीक्षा का प्रश्न पत्र हल कीजिए।
2. बाल महाभारत के पाठ 21 से 25 तक पढ़िए और उनके प्रश्न बनाइए।
3. प्रतिदिन एक पेज सुलेख लिखिए।
4. अपने आस पास आपने कहीं रामलीला देखी है, उसके बारे में अपने मित्र को पत्र लिखकर बताओ।
5. कोई दस मुहावरे लिख कर उनके अर्थ व वाक्य बनाए।

CLASS VII HOLIDAY HW AUTUMN BREAK 2022-23

Unseen Passage for Class7 | Passage –1

What causes the monsoon? The monsoon, which is essentially the seasonal reversal in wind direction, causes most of the rainfall received in India and some other parts of the world. The primary cause of monsoons is the difference between annual temperature trends over land and sea. The apparent position of the Sun with reference to the Earth oscillates from the Tropic of Cancer to the Tropic of Capricorn. Thus the low pressure region created by solar heating also changes latitude. The northeast and southeast trade winds converge in this low pressure zone, which is also known as the Inter tropical Convergence Zone or ITCZ. This low pressure region sees continuous rise of moist wind from the sea surface to the upper layers of the atmosphere, where the cooling means the air can no longer hold so much moisture resulting in precipitation. The rainy seasons of East Asia, sub-Saharan Africa, Australia and the southern part of North America coincide with the shift of ITCZ towards these regions.

Unseen Passage with questions and answers class 7 passage 4:

Q1: Monsoon is

- (a) A type of sea wave
- (b) a seasonal reversal in wind direction
- (c) very hot wind
- (d) very cold wind

Q2: What is the full form of ITCZ?

- (a) Intertrance Convergence Zone
- (b) Intertropical Convergence Zone
- (c) Intertropical Capricorn Zone
- (d) Intertropical Conveyance Zone

Q3: The major cause of monsoon is the

- (a) difference between annual temperature trends over land and sea
- (b) difference between day and night temperature
- (c) moisture in the atmosphere
- (d) None of these.

Q4: Low Pressure region is created by

- (a) solar heating (b) lunar cooling (c) moist wind (d) dry wind.

Q5: It rains when

- (a) moist wind goes down
- (b) dry wind meets moist wind
- (c) the air can no longer hold moisture resulting in precipitation
- (d) annual temperature goes down.

Unseen Passage for Class 7 |

Passage –1

Dry fruits are useful in various diseases of the brain, muscles and tissues. Particularly almond has got unique properties to remove brain weakness and strengthen it.

Almond preserves the vitality of the brain, strengthens the muscles, destroys diseases originating from nervous and bilious disorders.

Walnut is another dry fruit that possesses wonderful qualities of curing brain weakness. According to Dr. Johnson, almonds, figs, grapes, dates, apples* and oranges are rich-in phosphoric element and should normally be used by brain workers. Phosphorus nourishes the vital tissues of the body. It keeps the mind full of enthusiasm for more work.

Unseen Passage with questions and answers class 7 passage 5:

Q1: Dry fruits are useful because they

- (a) strengthen our heart
- (b) cure various diseases of the brain, muscles and tissues
- (c) give confidence to us
- (d) empower us to do challenging tasks.

Q2: Which one is not a property of almond?

- (a) It preserves the vitality of the brain
- (b) It strengthens the muscles
- (c) It destroys diseases originating from nervous and bilious disorders
- (d) It strengthens our digestive system.

Q3: Phosphoric element is profusely found in

- (a) almonds, figs, grapes, dates, apples and oranges
- (b) almonds, figs, papayas, guavas and pineapples
- (c) all the green vegetables
- (d) seasonal fruits.

Q4: Brain workers should take fruits rich in phosphoric elements because

- (a) they remove brain weakness
- (b) they nourish the vital tissues of the body

(c) they keep the mind full of enthusiasm

(d) all the above.

Q5: The word unique means the same as

1. (a) ordinary (b) highly qualified (c) unusual (d) enlightened Fill in the blanks using a suitable word in each. Write the answers in your answer sheet against the correct blank number. The first one has been done for you as an example.

Once upon a time there was a man called Smith. He was a green grocer (a) who lived in Clapham. He (b) had four sons, (c) The eldest was called George after the king and (d)

it was arranged that he was (e) to inherit his father's shop. So (f) after school he went to special Botany classes.

Answer:

(a) who

(b) had

(c) The

(d) it

(e) to

(f) after

2. Given below is a letter of complaint to the Officer Incharge, Public Works Department. Complete the letter by filling in the blanks with one suitable word in each blank. Write the answers in your answer sheet against the correct blank number.

Dear Sir

We regret to bring to your notice that roads in Moti Colony need urgent (a)____. The surface is badly damaged by the (b)_____ we had last month. In the night, it is dangerous to walk. Also, there are heaps of stones (c)_____ the sides of the road. Your department (d)_____ not taken any action so far. We would (e)_____ highly grateful if you take necessary action without any further (f)_____.

Yours faithfully

Residents, Moti

Colony

Answer:

(a) repairs

(b) rain

(c) by

(d) has

(e) be

(f) delay

(g) MDP TOPICS FOR TERM 2[ATTEMPT ANY ONE]

**Role of
vaccinati
o n in the
treatmen
t of
various
deadly
diseases
/ viruses
e.g.
COVID-19**

**Figure
out the
ways to
be a part
of the
solution
to the
problem
of global
warming**

HOLIDAY HOMEWORK CLASS 7

1. DRAW POTRAITS OF SARDAR VALLABHBHAI PATEL AND WRITE UP ON INA RISING DAY.
2. LOCATE THE GANGA AND THE BRAHMAPUTRA BASIN AND COLOUR IT. ALSO LOCATE THE SUNDERBAN DELTA AND NAME THE ANIMAL AND TRADE FOUND IN THE DELTA.
3. COLLECT THE PICTURES OF FAMOUS WOMEN LEADERS OF INDIA AND WOMEN PLAYERS OF INDIA.
4. WRITE A DETAILED DESCRIPTION OF THE VARIOUS TYPES OF MARKETS AND PASTE OR DRAW PICTURES RELATED TO THE ABOVE [CHAPTER- MARKET AROUND US]

CLASS VII

1.GROUP PROJECT(MODEL/CHARTS/PPT/FILE)

2.PREPARE 10 MCQS AND 1 CROSSWORD PUZZLE FROM ANY CHAPTER OF YOUR TEXTBOOK .(IN A-4 SIZE SHEET)

3.SOLVE FOUR (4) CCT BASED QUESTIONS FROM CHAPTER 8 (COMPARING QUANTITIES)(IN HW NOTEBOOK)

शरदकालीन अवकाश गृहकार्य

1. निम्नलिखित शब्दों को लिंग के अनुसार अलग कीजिए -

(पत्राणि, सैनिकौ, खगाः, नासिकाः, धनम्, कालिकाः, पुस्तकम्, पुष्पम्, छात्रौ, शिक्षकः, शुकः, कन्या, गायिका, चक्रे, बाला)

2. वचन परिवर्तनम् कुरुत-

यथा- सः पठति ते पठन्ति।

बालकः गच्छति।

कलिका विकसित।

पत्राणि पतन्ति।

महिलाः पचन्ति।

मयूरः नृत्यति।

3. वाक्यम् पूरयत- (वचनानुसारम्)

अध्यापिका.....। (वदति/ वदन्ति)

फलम्। (पतति/ पतसि)

पुष्पाणि। (विकसति / विकसन्ति)

सूर्यः। (उदयति/ उदयन्ति)

बालिका.....। (क्रीडति/ क्रीडन्ति)

4. त्रिवर्णः ध्वजः इस विषय पर १० वाक्य संस्कृत भाषा में लिखें।

5. अपनी पाठ्य पुस्तक से तिष्ठ्, पच्, तथा पिब् धातु के धातु रूप लिखें। (पांचों लकार में)